

CLAIMS:

1. Device for the targeted, controllable delivery or drawing of a liquid or viscous substance, having

a) a reservoir (7), which particularly has a cylindrical design, in which a piston (6) is movably, particularly displaceably guided, which divides the reservoir (7) into a storage chamber (1) for the viscous substance and a pressure chamber (2) for gas,

b) the storage chamber (1) for the viscous substance leading into a discharge opening (8) for the viscous substance,

c) and an insert (9) preferably being placed in the reservoir (7) in the pressure chamber (2), which insert (9) contains at least one gas generating cell (3) and a circuit for the running-time control (5),
characterized in that

d) the wall of the reservoir (7) is constructed in several layers, particularly in three layers, at least in sections, at least two of the layers consisting of different chemical substances, at least one of the layers (4a, 4b, 4c), which form the wall (4) of the reservoir (7), having a lower diffusion coefficient for the gas to be generated by the gas generating cell (3) than the other layer(s), and the wall (4) of the reservoir (7) preferably consisting of transparent, translucent layers.

2. Device according to Claim 1,
characterized in that the inner and the outer layer (4a, 4c) of the three-layer wall (7) consist of a preferably

transparent, translucent plastic material, the center layer (4b) between the two preferably transparent layers (4a, 4c) consisting of an also preferably transparent material, which is transparent and has a lower diffusion coefficient for the gas to be generated by the gas generating cell than the inner and the outer layer (4a, 4c).

3. Device according to one of the preceding claims, characterized in that the center layer consists of a solid material or of a liquid which is transparent and has a lower diffusion coefficient for the gas to be generated by the gas generating cell than the inner and the outer layer (4a, 4c).

4. Device according to one of the preceding claims or according to the preamble of Claim 1, characterized in that a closing device (11) (12?), which can be detached, particularly broken off by way of predetermined breaking points (11), such as notches, is molded to the discharge opening (8).

5. Device according to one of the preceding claims, characterized in that the outer and inner layers consist of transparent PET.

6. Device according to one of the preceding claims, characterized in that the center barrier layer consists of polyamide.

7. Device according to one of the preceding claims, characterized in that the center barrier layer consists of EVOH.

8. Device according to one of the preceding claims, characterized in that the center barrier layer has a thickness of 30-60%, preferably 40-50%, particularly preferably 45% of the entire wall.